

# CSI NEWS JOURNAL.

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Boca Raton, Florida

\$5.00

## WHAT'S NEW ---

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QUICKTRIEVE supports 255 files per Compu Trac subdirectory. Page 1

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Collect one week at a time on a 90 stock or commodity portfolio. Page 1

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Order data, change your portfolio, send a message and collect your daily portfolio all in one call. Page 1

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Force any security or mutual fund, which may pay a dividend and/or capital gain, to look like a commodity. Page 2

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Florida Service Permit for Non-Florida Customers. Page 2

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Notes from Customer Service. Page 3

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Stock and Mutual Fund additions. Page 3

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New Commodities. Page 4

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Stock Splits. Page 4

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Network phone number changes. Page 5

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## ATTENTION COMPU TRAC PC USERS

QUICKTRIEVE<sup>R</sup> now supports up to 255 files per sub-directory for the Compu Trac file system. The previous limit was 20.

In addition, the starting path for the data files may now be more than one level deep. Most users do not need this, but the Meta-Stock program recommends that the data files begin at \MS\DATA. This change was made to support this requirement.

## ATTENTION ALL OTHER PC QUICKTRIEVE USERS

FULL WEEK COLLECTION: Customers with up to 90 contracts or stocks can now collect a full week of data with one call. Full week collection was previously allowed only for customers with approximately 30 contracts or stocks.

CUSTOMER SUBSYSTEM: Portfolio changes, historical orders, and messages to CSI that are prepared with the CUSTOMER SUBSYSTEM can now be sent to CSI during regular daily collection. This will keep you from having to make a separate call to transmit your request through the CUSTOMER SUBSYSTEM.

In other words, messages, portfolio change requests, historical data orders, and the collection of daily data can now be accomplished all at one time in a single call.

X for Y STOCK SPLITS: The X for Y stock split parameters in the QUICKTRIEVE move program can now be fractional and can contain up to 5 digits of precision. This expanded capability is especially helpful should a user wish to adjust past data of a stock or mutual fund for current dividend or capital gain payouts. Please see the section on mutual funds below.

QUICKSTUDY<sup>R</sup> ADDITIONS: Two new studies



have been added to the QUICKSTUDY menu: 1) The Relative Strength Index (RSI), is already a "built-in" study in QUICKPLOT, but the actual numbers calculated cannot be displayed or printed. When RSI is selected from the QUICKSTUDY menu however, the numeric results can be displayed on the screen and written to a file or printer using the PRINT STUDY VALUES selection from the QUICKSTUDY menu. 2) The HERRICK PAYOFF INDEX study has been added to the QUICKSTUDY menu.

For a \$20 handling fee IBM users may obtain the new QUICKTRIEVE release. Similarly, prior QUICKSTUDY owners may purchase the new release for \$25. New users of QUICKSTUDY pay the regular price of \$395.

#### HOW TO SPLIT MUTUAL FUNDS TO INCORPORATE CAPITAL GAINS AND DIVIDENDS INTO PAST DATA

Many subscribers are surprised to find that CSI provides mutual fund data together with dividend and capital gain payouts. In our O-H-L-C-Vol-O.I. format, we fill the high field with the ask price (the bid price plus commission); the low, open and close fields hold the net asset value bid price; the volume field holds the dividend payout; and the open interest field holds the capital gain distribution. As should be delivered, all information supplied is for the current day.

Since a mutual fund may typically pay a significant capital gain once per year, the user will nearly always want to apply the "stock split" section of QUICKTRIEVE to adjust prior price readings. He may also wish to adjust for quarterly dividends, because dividends also play an important role in measuring the long term behavior of market price.

For example, a 50% capital gain payout is equivalent to a 2 for 1 stock split; a 25% capital gain payout is equivalent to a 4 for 3 split, and a 5% capital gain is equivalent to a 20 for 19 split.

To numerically compute the X for Y parameters, compute the quantity  $1/C$  to arrive at X. C is the proportion that the capital gain represents of the mutual funds net asset value. A 5% capital gain would produce an X of 20 or  $1/.05$ . Y is always

X-1. It is 19 for this example.

For a specific example, suppose a mutual fund is selling for \$100 on Tuesday and pays a \$3.20 capital gain on Wednesday. Since \$3.20 is .032 of the price then  $X = 1/.032$  or 31.25. The stock split algorithm of the newly announced version of QUICKTRIEVE can accept the required fractional value for X and Y of 31.25 and 30.25, respectively.

The QUICKTRIEVE move program now asks whether you would like to arrange a "stock split" to adjust for a non-traditional split as a dividend or a capital gain. If this is the case the user may input the market price on the day before the dividend or capital gain and the amount of the dividend or capital gain. The "splitting" calculation will then automatically adjust all data prior to the dividend or capital gain award. This automated procedure, available on the latest release of QT, would avoid the more complex calculation of X and Y shown above.

This facility to adjust past data for mutual fund capital gains and dividends applies equally well for normal securities which pay regular dividends. One can advance a good argument for accomplishing this procedure on a routine basis. If one may be comparing the investment potential of two stocks where one pays a large dividend and the other a small or no dividend, then the introduction of the split logic will normalize both series so that they can be compared on the same basis. Furthermore, since futures do not pay dividends they cannot realistically be compared to securities for their investment potential unless this subtle, unorthodox splitting of stocks or mutual funds is accomplished.

#### IMPORTANT NOTICE TO NON-FLORIDA CUSTOMERS

In last month's News Journal, we briefly discussed the new Florida Sales Tax law which went into effect July 1, 1987. We enclosed an Exempt Service Purchase Affidavit which was a temporary means of claiming a sales tax exemption. Enclosed with this News Journal is form DR-1EP - Application for Exempt Service Purchase Permit. This application is needed to



procure a 5 year blanket exemption service purchase permit for out-of-state (non-Florida) businesses or persons. The completed application is to be mailed to:

Florida Department of Revenue  
Carlton Building  
Tallahassee, FL 32399-0100

The Bureau will, in turn, issue you a permit number which you must give to CSI to avoid the service tax.

Since the application does not come with instructions, the following might assist you in completing the form.

Front side of form:

- Show business name only if payments for CSI service are made through your business.
- Show owner's name if you are either operating a proprietorship or are acting as an individual.
- Show your address.
- For "beginning date of business activity", please show July 1, 1987 or the date you began using CSI, whichever is later.
- For "type of business", if you are an individual, show investor or speculator etc.
- Show N/A under Florida State Sales Tax number if you do not have one.
- Show your social security number if you are an individual.
- PLEASE SIGN AND DATE THE FORM.

Back side of form:

- Question 1. If you are purchasing CSI service for use outside the State of Florida, answer yes, and skip remaining questions 2 through 4.
- Question 2. Answer yes if question 1 is no, and fill in your fiscal year end (Probably Dec. 31 for most users).
- Questions 3 and 4. Show N/A, as they are not relevant.

For customers who have not returned the Exempt Affidavit mailed to you last month, please return it to us so we will not have to bill you sales tax. Keep in mind also that the affidavit is only a temporary means of claiming exemption. It must eventually be replaced by the 5 year permit.

Florida's Exempt Service Purchase Affidavit form mailed to you last month required a Florida notary's stamp and signature. We thought this requirement was a bit excessive especially for our Hawaii customers, so we arbitrarily omitted the notary reference. We know that Florida is serious about collecting this tax, but Florida notaries may be hard to find outside of Florida.

The affidavit is supposed to be signed for each transaction, but the permit is valid for five years. Please fill in and send the permit application to the appropriate address and forward the permit number to us, so we can avoid billing you the sales tax. Thank you for your cooperation.

NOTES FROM CUSTOMER SERVICE

To avoid unreliable voice communication, please try to use the customer subsystem when making changes to your daily portfolio or requesting historical data. The new improvements to QUICKTRIEVE that allow subsystem requests to be sent during daily collection greatly reduce the effort to use CSI's service. If you must use voice contact to place an order with us, we have increased our staff by adding an assistant whose sole job is order processing. Ask for the order entry clerk. If you have technical questions, she will transfer you to a technical staff representative in customer service. This organizational change should increase our ability to expedite your order.

ADVERTISEMENT ENCLOSED

We have three participating advertisers this month, Steve Kille of Micro-Vest, North American Chicago Corp's Ostry-Cohen Trading System, and Bruce Babcock of Commodity Traders Consumer Report. We accept advertisements to accompany our News Journal to defer postage costs. We cannot recommend nor endorse the products or services of any advertisers.

ADDITIONS TO THE STOCK DATA BANK

5891 DEI	Diversified Eqty/Minn	870720
5879 GOV	Global Gov't Fund Inc.	870724
5880 BSC	Bear Sterns Co.	870724
5977 XLDC	XL/Data Comp Inc.	870804
5877 CBC	Carteret Savings	870805



5878 DPL	DPL Inc.	870728
5876 MN	Manpower Inc.	870804
5875 HMC	Honda Motor Co. ADR	870811
5904 NIKE	Nike Inc. Class B	870819
5978 PFFS	Pacific First Financial	870819
5979 PENW	Penwest LTD	870819
5874 MH	MHI Group	870819

**MUTUAL FUND ADDITIONS**

The following Mutual Funds have a start date of 870819.

DREYFUS  
6173 DRCSX Convertible Security Fund

6162 LMVTX Legg Mason Value Trust

LODMIS SAYLES FUND  
6160 LOMMX Mutual  
6161 LOMCX Capital Development

6163 BEGRX Mutual Beacon Fund Inc.  
6164 MUTHX Mutual Shares Corp.  
6165 NQIFX Mutual Qualified Dividend Inc.

NEUBERGER BERMAN  
6187 CNAMX Manhattan Fund  
6189 GUARX Management Guardian Fund  
6190 PARTX Management Partner's Fund  
6184 HEMIX Hemisphere Fund  
6185 CNALX Liberty Fund  
6186 NLMBX LTD Maturity Bond  
6188 ENEGX MGMT Energy

NICHOLAS GROUP  
6170 NICSX Nicholas Fund  
6171 NCTWX Nicholas Fund II  
6172 NCINX Income Fund

6166 RYVFX Royce Value Fund

SAFECO GROUP  
6181 SAFIX Safeco Income Fund Inc.  
6179 SAGQX Equity Fund  
6180 SAFGX Growth Fund  
6182 SFLOX Municiple Bond Fund

6167 SEQUX Sequoia Fund Inc.  
6168 STMDX Stration Monthly Divided

STRONG FUNDS  
6178 STRFX Total Return Fund  
6174 SNSX Government Securities  
6175 SRNCX Income Fund Inc.  
6177 SQPFX Opportunity Fund  
6176 STIFX Investment Fund

VANGUARD

6047 VWINX Wellesley Fund Inc.

6169 QFVFX Quest For Value Fund

**CHANGES TO THE STOCK DATA BANK**

5461 RC Research Cottrell was acquired by a private company 870718.  
5582 JWT JWT Group was acquired by a private company 870715.  
5904 CMRK Caremark Inc. was acquired by 5186 BAX Baxter Traveno  
5239 PDG Bought out DM Dome Mines on 870804 and 5285 CRK Campbell Red Lake Mine on 870813.

**STOCK SPLITS**

STK #	COMPANY NAME	SPLIT	DATE OF SPLIT
5598 GRB	Gerber Scientific	3/2	870723
5421 PEG	Pub Svc Ent Grp	3/2	870727
5821 ECO	Echo Bay Mines	2/1	870727
5136 VIA	Viacom Int'l	5/2	870610
5935 TCDMA	Tele-Communication Class A	3/2	870803
5756 TE	Teco Energy Inc.	2/1	870817
5462 RBK	Reebok	2/1	870826

**ADDITIONS TO THE COMMODITY DATA BANK**

London Aluminum #92 delivery month codes 46 and 48 are now available. Delivery month code 46 is the cash settlement in the close field only and delivery month code 48 is the cash open, high, low and close.

COMMODITY NUMBER: 199  
COMMODITY NAME: WHITE SUGAR #5  
SYMBOL: ZH  
EXCHANGE: LCE  
UNIT OF MEASURE: \$/ton  
CONTRACT SIZE: 50 metric tons  
DELIVERY MONTHS: 3, 5, 8, 10, 12  
CONVERSION FACTOR: +1  
FIRST DAY ON FILE: 870730

COMMODITY NUMBER: 187  
COMMODITY NAME: LIQUIFIED PROPANE GAS  
SYMBOL: PN  
EXCHANGE: NYMEX  
UNIT OF MEASURE: C/Gallon  
CONTRACT SIZE: 42,000 Gallons  
DELIVERY MONTHS: 1 - 12  
CONVERSION FACTOR: +2  
FIRST DAY ON FILE: 870821

TYMNET PHONE NUMBER ACCESS CHANGES

<u>LOCATION</u>	<u>NEW ACCESS#</u>
AL FLORENCE	205/760-0030
AR PINE BLUFF	501/535-2629
MS GULFPORT	601/868-2331
NB GRAND ISLAND	308/382-3176
NC ROCKY MOUNT	919/937-4828
NJ RED BANK	201/758-0337
OH WINTERSVILLE	614/266-2170
TN CLARKESVILLE	615/645-8877
TX SHERMAN	214/868-0089
WI WAUSAU	715/868-6171
WV WHEELING	304/233-7676

TELENET PHONE NUMBER ADDITIONS

<u>LOCATION</u>	<u>NEW ACCESS#</u>
AL ANNISTON	205/236-9711
CO GREELEY	303/352-8563
FL COCOA BEACH	305/267-0800
GA ROME	404/234-1428
KS MANHATTAN	913/537-0948
MA PITTSFIELD	413/499-7741
NC GASTONIA	704/865-4708
OH SANDUSKY	419/627-0050
OK LAWTON	405/353-0333
TN CLARKSVILLE	615/552-0032
WI BELOIT	608/362-5287
WI WEST BEND	414/334-2206

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# CSI ERROR REPORT

## AUGUST 1987

The following errors were found after the data was first released. They may or may not affect a user depending upon the time of access. The figures in bold print represent the corrected values. The volume and open interest are presented in scientific notation ready for input into an Apple or Commodore computer. The scientific notation requirement of QUICKTRIEVE would require a raw open interest value of 292920, for example, to be stored as 129292 as in the Euro Dollar open interest reading below. A volume or open interest of magnitude 99999 or less requires no adjustment. If you require the raw value (which all IBM users require), convert any six digit number shown below from scientific notation to the raw original form, per above example.

DELIVERY MONTH/ CSI CODE; NEAREST																				
DATE	NO.	SY	FUTURES IN ( )	OPEN	HIGH	LOW	CLOSE	T.VOL	T.O.I.	IND.VL/OI	DATE	CSI #	SYMBOL	OPEN	HIGH	LOW	CLOSE	IND.VOL	P.VOL	PE
870825	5	PB	05/88	6700	6715	6600	6600	2920	7886	67/277	870804	5008	CGP	3848	3848	3724	3732	2527		
870805	10	CC	05/88	11237	11250	11160	11155				870812	5109	F	10632	10908	10616	10832	11910		
870814	10	CC	ALL					2240	22956		870820	5157	HM	4308	4348	4300	4308	818		
870715	41	TB	09/87	9423	9423	9412	9413	4281	24395	3436/11551	870812	5159	IBM	16900	17208	16840	17024	13280		
870814	80	ZK	ALL					933			870813	5159	IBM	17040	17400	17024	17324	12580		
870826	98	MM	52/87	625	627	623	625				870716	5181	XRJ	7548	7600	7508	7540	5195		
870728	141	ED	06/89	9102	9103	9093	9093	56222	129292	346/4202	870402	5230	DEX	CALLS TOTAL VOL = 117361 TOTAL OI = 155119						
870806	151	YX	12/87	18075	18305	18020	18295				870402	5230	DEX	PUTS TOTAL VOL = 116039 TOTAL OI = 173147						
870806	151	YX	39/87	18003	18228	17939	18221				870701	5230	DEX	CALLS TOTAL VOL = 111290 TOTAL OI = 142102						
870806	151	YX	49/87	18067	18297	18012	18287				870701	5230	DEX	PUTS TOTAL VOL = 110510 TOTAL OI = 151383						
870804	192	SX	54/87	31120	31209	30845	31025				870702	5230	DEX	CALLS TOTAL VOL = 93629 TOTAL OI = 142166						
870721	224	HU	03/88	5570	5700	5570	5655	12324	30926	92/165	870702	5230	DEX	PUTS TOTAL VOL = 111238 TOTAL OI = 154114						
870727	224	HU	12/87	5295	5315	5286	5287	8500	30272	133/2818	870811	5354	XMI	51542	52603	51542	52542	1789	1235	
870731	224	HU	01/88	5425	5427	5385	5415	11644	30398	74/924	870827	5354	XMI	53455	53455	52878	52932	1352		
870720	248	EN	09/87	22670	23550	22650	22670	1896	8632	1874/8510	870805	5380	NYAC	5139	5441	5757	5159	5183	5877	
870720	248	EN	12/87	23705	23705	22940	22940	1896	8632	22/122	870804	5380	NYAC	5139	5876	5183	5290	5211	5159	
870720	248	EN	54/87	23817	23981	23327	23329	1896	8632		870803	5452	ROP	2648	2648	2548	2600	545		
870717	248	EN	09/87	23670	23700	23510	23650	1340	8281	1340/8166	870805	5496	DJSA	9486	9559	9394	9485	11927	11665	
870717	248	EN	12/87	23850	23850	23850	23850	1340	8281	0/115	870806	5496	DJSA	9464	9597	9434	9568	11920	11927	
870826	253	MB	54/87	9016	9016	9016	9016				870811	5496	DJSA	9786	9910	9712	9860	12781	11872	
870804	262	ND	54/87	39198	39198	38819	39176				870811	5497	DJUA	20833	21142	20673	21076	12781	11872	
											870811	5498	DJTA	11005	11085	10893	11001	12781	11872	
											870805	5500	UVDV	1986	957	612	417	11269	5162	
											870826	5500	UVDV	TOTAL VOL = 7596 TOTAL OI = 11099						
											870715	5621	PAC	2524	2540	2516	2532	6613		
											870729	5623	SBC	3640	3716	3616	3708	7202		
											870730	5786	XVL	27758	27965	27757	27935	366	355	
											870806	5789	DJAS	9506	9597	9434	9568	3502	3406	
											870805	5790	DJAU	20116	20389	20045	20223	381	295	
											870804	5790	DJAU	20122	20264	19974	20092	295	1907	
											870803	5801	DMP	56	100	52	60	8332		